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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

**Inventors:** Benson S. Ayabe  
Sharat Subramaniyam Chander  
Semyon B. Mizikovsky

**Attorney Docket No.:** Ayabe 1-1-3

**Group Art Unit:** 2744

**Serial No.:** 08/572,481

**Examiner:** W. Cumming

**Filed:** December 14, 1995

**Title:** System And Method For Transmitting A Displayable Message To A Short  
Message Entity In More Than One Data Package.

Honorable Assistant Commissioner for Patents  
Washington, DC 20231

PRELIMINARY AMENDMENT

Dear Sir,

Please enter the following preliminary amendment to the above-identified application.

In the Claims

1 1. A system that is capable of transmitting a displayable message to a terminating  
2 short message entity in more than one data package over a conveying network, the system  
3 comprising:  
4 a capacity determiner that determines a capacity of the conveying network for  
5 transmitting data;  
6 a fragmenter that divides the displayable message into fragments at an application  
7 protocol layer based on the capacity determined by the capacity determiner such that the size of  
8 the fragments does not exceed the capacity of the conveying network; and  
9 a packager that packages the fragments into the data packages such that the data packages  
10 are operable to be separately transmitted by a short message service over the conveying network.

1 2. The system of claim 1, wherein the capacity determiner determines a number of  
2 octets in the displayable message that are operable to be transmitted in the data packages.

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